



6-30-04

1632

TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Application Number	10/007,700
Filing Date	November 30, 2001
First Named Inventor	Tongtong Wang
Art Unit	1632
Examiner Name	Shin-Lin Chen, Ph.D.
Attorney Docket No.	210121.455C17

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Fourth Supplemental Information Disclosure Statement; Form PTO-1449 (7 Sheets) <input checked="" type="checkbox"/> 77 Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): <hr/> <hr/> <hr/> <hr/> <hr/>
---	---	--

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Julie A. Urvater, Ph.D., Patent Agent Reg. No. 50,461	Customer Number 00500
Signature		
Date	June 28, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name		
Signature		Date:

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1476030



FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)**180.00**

Complete if Known	
Application Number	10/007,700
Filing Date	November 30, 2001
First Named Inventor	Tongtong Wang
Examiner Name	Shin-Lin Chen, Ph.D.
Art Unit	1632
Attorney Docket No.	210121.455C17

METHOD OF PAYMENT																																																																					
<input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																					
<input type="checkbox"/> Deposit Account: Deposit Account Number 19-1090 Deposit Account Name Seed Intellectual Property Law Group PLLC																																																																					
The Director is authorized to (check all that apply): <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Charge any deficiencies to the above-identified deposit account.																																																																					
FEE CALCULATION																																																																					
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> <td>Utility filing fee</td> <td></td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="4">SUBTOTAL (1)</td> <td>(\\$)</td> <td></td> </tr> </tbody> </table>						Large Entity	Small Entity					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)				(\\$)																	
Large Entity	Small Entity																																																																				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																
1001	770	2001	385	Utility filing fee																																																																	
1002	340	2002	170	Design filing fee																																																																	
1003	530	2003	265	Plant filing fee																																																																	
1004	770	2004	385	Reissue filing fee																																																																	
1005	160	2005	80	Provisional filing fee																																																																	
SUBTOTAL (1)				(\\$)																																																																	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Independent Claims</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4"> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th></th> <th></th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>** Reissue independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="4">SUBTOTAL (2)</td> <td>(\\$)</td> </tr> </tbody> </table> </td> </tr> </tbody> </table> <p>** or number previously paid, if greater; For Reissues, see above</p>						Total Claims	Extra Claims	Fee from below	Fee Paid					Total Claims				Independent Claims				Multiple Dependent				<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th></th> <th></th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>** Reissue independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="4">SUBTOTAL (2)</td> <td>(\\$)</td> </tr> </tbody> </table>				Large Entity	Small Entity				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)				(\\$)
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																		
Total Claims																																																																					
Independent Claims																																																																					
Multiple Dependent																																																																					
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th></th> <th></th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>** Reissue independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="4">SUBTOTAL (2)</td> <td>(\\$)</td> </tr> </tbody> </table>				Large Entity	Small Entity				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)				(\\$)																										
Large Entity	Small Entity																																																																				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description																																																																	
1202	18	2202	9	Claims in excess of 20																																																																	
1201	86	2201	43	Independent claims in excess of 3																																																																	
1203	290	2203	145	Multiple dependent claim, if not paid																																																																	
1204	86	2204	43	** Reissue independent claims over original patent																																																																	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																	
SUBTOTAL (2)				(\\$)																																																																	

FEE CALCULATION (continued)																																																																																																																																																																																																					
3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2520</td> <td>1812</td> <td>2520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1840*</td> <td>1805</td> <td>1840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2010</td> <td>2255</td> <td>1005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1510</td> <td>1451</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1330</td> <td>2453</td> <td>665</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1330</td> <td>2501</td> <td>665</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503</td> <td>320</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td>180</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>770</td> <td>2809</td> <td>385</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>770</td> <td>2810</td> <td>385</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801</td> <td>385</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\\$) 180.00</td> </tr> </tbody> </table>						Large Entity	Small Entity					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2520	1812	2520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1480	2254	740	Extension for reply within fourth month		1255	2010	2255	1005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1510	1451	1510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive – unavoidable		1453	1330	2453	665	Petition to revive – unintentional		1501	1330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt	180	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\\$) 180.00	
Large Entity	Small Entity																																																																																																																																																																																																				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																	
1053	130	1053	130	Non-English specification																																																																																																																																																																																																	
1812	2520	1812	2520	For filing a request for ex parte reexamination																																																																																																																																																																																																	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																	
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																	
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																	
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																																	
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																																	
1254	1480	2254	740	Extension for reply within fourth month																																																																																																																																																																																																	
1255	2010	2255	1005	Extension for reply within fifth month																																																																																																																																																																																																	
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																																	
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																																	
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																																	
1451	1510	1451	1510	Petition to institute a public use proceeding																																																																																																																																																																																																	
1452	110	2452	55	Petition to revive – unavoidable																																																																																																																																																																																																	
1453	1330	2453	665	Petition to revive – unintentional																																																																																																																																																																																																	
1501	1330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																	
1502	480	2502	240	Design issue fee																																																																																																																																																																																																	
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																	
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																	
1806	180	1806	180	Submission of Information Disclosure Stmt	180																																																																																																																																																																																																
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																	
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																	
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																	
Other fee (specify) _____																																																																																																																																																																																																					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\\$) 180.00																																																																																																																																																																																																	

SUBMITTED BY				Customer Number
Name (Print/Type)	Julie A. Urvater, Ph.D., Patent Agent	Registration No. Attorney/Agent	50,461	
Signature		Date	June 28, 2004	00500

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



EXPRESS MAIL NO. EV335393045US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Tongtong Wang et al.
Application No. : 10/007,700
Filed : November 30, 2001
For : COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF LUNG CANCER

Examiner : Shin-Lin Chen, Ph.D.
Art Unit : 1632
Docket No. : 210121.455C17
Date : June 28, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449 (copies of the cited references are enclosed). As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

07/02/2004 MBERHE 00000148 10007700

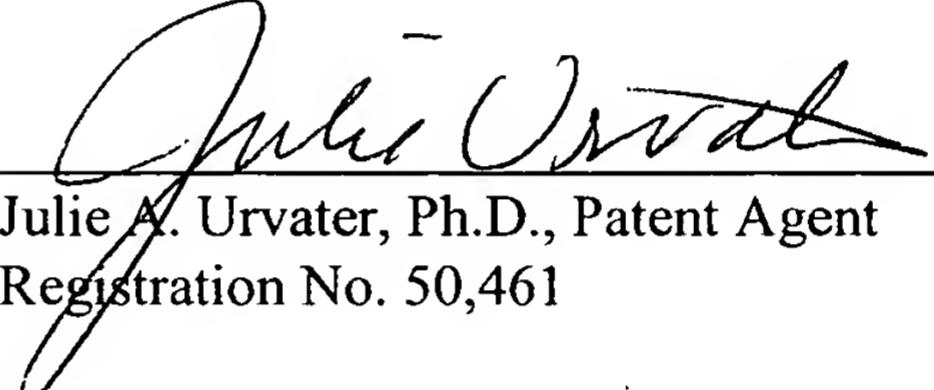
01 FC:1806

180.00 OP

Please acknowledge receipt of this Fourth Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 CFR 1.97(c). The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



Julie A. Urvater, Ph.D., Patent Agent
Registration No. 50,461

JAU:jt

Enclosures:

- Postcard
- Check for \$180
- Transmittal Form
- Fee Transmittal Form (+1)
- Forms PTO-1449 (7 Sheets)
- Cited References (77)

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

\476031

EXPRESS MAIL NO. EV35393045US

Sheet 1 of 7

FORM PTO-1449 (REV.7-80)	JUN 28 2004 U.S. PATENT & TRADEMARK OFFICE FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 210121.455C17	APPLICATION NO. 10/007,700
		APPLICANTS	Tongtong Wang et al.	
		FILING DATE	GROUP ART UNIT November 30, 2001 1632	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

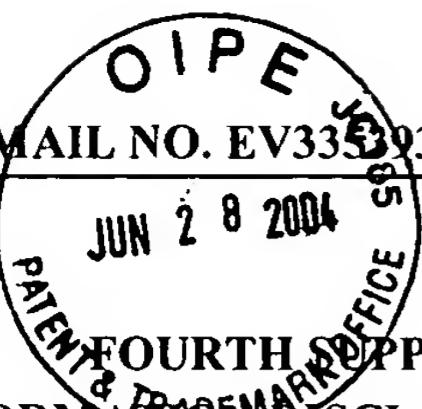
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AC	EP 679716 A1	11/02/95	EPO		
	AD	EP 1033401 A2	09/06/00	EPO		
	AE	EP 1130094 A2	09/05/01	EPO		
	AF	WO 99/46594	09/16/99	WIPO		
	AG	WO 01/47944	07/05/01	WIPO		
	AH	WO 01/55322	08/02/01	WIPO		
	AI	WO 01/57272	08/09/01	WIPO		
	AJ	WO 01/57275	08/09/01	WIPO		
	AK	WO 01/57276	08/09/01	WIPO		
	AL	WO 01/57277	08/09/01	WIPO		
	AM	WO 01/75067	10/11/01	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AN		GenBank Database, Accession No. AAB82295, October 30, 1997.
AO		GenBank Database, Accession No. AAB97457, January 22, 1998.
AP		GenBank Database, Accession No. AAC18597, June 3, 1998.
AQ		GenBank Database, Accession No. AAC18598, June 3, 1998.
AR		GenBank Database, Accession No. AAC35208, May 13, 1997.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

 JUN 28 2004 <small>PATENT & TRADEMARK OFFICE</small> FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <small>(Use several sheets if necessary)</small>	U.S. DEPARTMENT OF COMMERCE		ATTY. DOCKET NO.	APPLICATION NO.
	PATENT AND TRADEMARK OFFICE		210121.455C17	10/007,700
	APPLICANTS		Tongtong Wang et al.	
	FILING DATE		November 30, 2001	GROUP ART UNIT

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						

FOREIGN PATENT DOCUMENTS

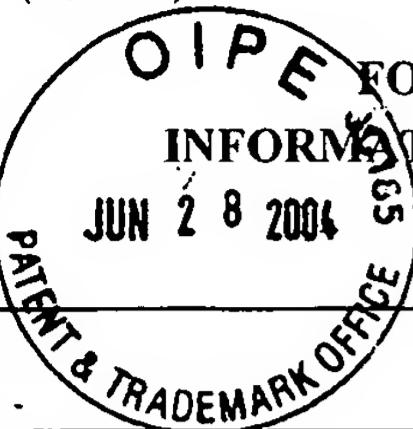
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
	BB				YES NO

OTHER PRIOR ART (*Including Author, Title, Date, Pertinent Pages, Etc.*)

	BC		GenBank Database, Accession No. AAC41285, May 13, 1998.			
	BD		GenBank Database, Accession No. AAC65900, October 10, 2003.			
	BE		GenBank Database, Accession No. AAD09223, January 26, 1999.			
	BF		GenBank Database, Accession No. AAD09827, January 26, 1999.			
	BG		GenBank Database, Accession No. AAD09828, January 26, 1999.			
	BH		GenBank Database, Accession No. AAF37203, March 2, 2000.			
	BI		GenBank Database, Accession No. AC005082, September 8, 1999.			
	BJ		GenBank Database, Accession No. AC021876, January 21, 2000.			
	BK		GenBank Database, Accession No. AC079780, February 21, 2002.			
	BL		GenBank Database, Accession No. AC092447, July 4, 2001.			
	BM		GenBank Database, Accession No. AF117108, January 26, 1999.			
	BN		GenBank Database, Accession No. AF198254, March 2, 2000.			

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 210121.455C17	APPLICATION NO. 10/007,700
 FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <small>(Use several sheets if necessary)</small>		APPLICANTS Tongtong Wang et al.			
		FILING DATE November 30, 2001	GROUP ART UNIT 1632		

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	CB				

OTHER PRIOR ART (*Including Author, Title, Date, Pertinent Pages, Etc.*)

CC		GenBank Database, Accession No. AL023775, November 23, 1999.
CD		GenBank Database, Accession No. BAB19755, December 20, 2000.
CE		GenBank Database, Accession No. BAB27779, February 8, 2001.
CF		GenBank Database, Accession No. BAB27848, February 8, 2001.
CG		GenBank Database, Accession No. BC019258, December 19, 2001.
CH		GenBank Database, Accession No. O00425, July 1, 1997.
CI		GenBank Database, Accession No. NM_006547, November 1, 2000.
CJ		GenBank Database, Accession No. NP_034081, January 25, 2000.
CK		GenBank Database, Accession No. NP_006537, August 10, 1999.
CL		GenBank Database, Accession No. NP_006538, November 1, 2000.
CM		GenBank Database, Accession No. NP_006539, August 10, 1999.
CN		GenBank Database, Accession No. NP_571566, February 20, 2002.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 210121.455C17	APPLICATION NO. 10/007,700
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <small>(Use several sheets if necessary)</small>		APPLICANTS Tongtong Wang et al.	
		FILING DATE November 30, 2001	GROUP ART UNIT 1632

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
DB						

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

DC		GenBank Database, Accession No. NP_076159, February 19, 2001.
DD		GenBank Database, Accession No. U76705, January 26, 1999.
DE		GenBank Database, Accession No. U97188, May 20, 1997.
DF		GenBank Database, Accession No. XM_004780, November 16, 2000.
DG		GenBank Database, Accession No. XP_004780, November 16, 2000.
DH		Geneseq Database (Thomson Derwent), Accession AAL28189, January 24, 2002.
DI		Geneseq Database (Thomson Derwent), Accession AAM93826, November 6, 2001.
DJ		Geneseq Database (Thomson Derwent), Accession AAT26750, October 23, 1996.
DK		Geneseq Database (Thomson Derwent), Accession AAU16161, November 7, 2001.
DL		Geneseq Database (Thomson Derwent), Accession AAU16163, November 7, 2001.
DM		Geneseq Database (Thomson Derwent), Accession AAU16164, November 7, 2001.
DN		Geneseq Database (Thomson Derwent), Accession AAU16166, November 7, 2001.
DO		Geneseq Database (Thomson Derwent), Accession AAU16579, November 7, 2001.
DP		Geneseq Database (Thomson Derwent), Accession AAU16583, November 7, 2001.

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 210121.455C17	APPLICATION NO. 10/007,700
<p style="text-align: center;">O I P FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT JUN 28 2004 (Use several sheets if necessary)</p>		APPLICANTS Tongtong Wang et al.	
		FILING DATE November 30, 2001	GROUP ART UNIT 1632

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
EB					

OTHER PRIOR ART (*Including Author, Title, Date, Pertinent Pages, Etc.*)

EC	Ackermann, R. "Monoclonal antibodies," <i>Human Cell</i> 1(1): 46-53, 1988 (Abstract Only; PubMed ID:3154013).
ED	Arceci, R.J, "The potential for antitumor vaccination in acute myelogenous leukemia," <i>J. Mol. Med.</i> 76: 80-93, 1998.
EE	Bergers and Coussens, "Extrinsic regulators of epithelial tumor progression: metalloproteinases," <i>Current Opinion in Genetics & Developments</i> 10: 120-127, 200.
EF	Bodey, B. et al., "Failure of Cancer Vaccines: The Significant Limitations of this Approach to Immunotherapy," <i>Anticancer Research</i> 20: 2665-2676, 2000.
EG	Boon, T., "Toward a Genetic Analysis of Tumor Rejection Antigens," <i>Advances in Cancer Research</i> 58: 177-210, 1992.
EH	Eck and Wilson, "Gene-Based Therapy," in <i>Goodman & Gilman's The Pharmacological Basis of Therapeutics</i> , 9 th Edition, McGraw-Hill, New York, 1996, pgs. 77-101.
EI	Ezzell, C., "Cancer 'Vaccines': An Idea Whose Time Has Come?" <i>The Journal of NIH Research</i> 7: 46-49, January 1995.
EJ	Greenspan and Cooper, "Complementarity, specificity and the nature of epitopes and paratopes in multivalent interactions," <i>Immunology Today</i> 16(5): 226-230, 1995.
EK	Gura, T., "System for Identifying New Drugs Are Often Faulty," <i>Science</i> 278: 1041-1042, November 7, 1997.
EL	Kaye, F.J. et al. "A single amino acid substitution results in a retinoblastoma protein defective in phosphorylation and oncoprotein binding," <i>Proc. Natl. Acad. Sci. USA</i> 87: 6922-6926, September 1990.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)	JUN 28 2004 S5	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 210121.455C17	APPLICATION NO. 10/007,700
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS	Tongtong Wang et al.	
		FILING DATE November 30, 2001	GROUP ART UNIT 1632	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	FB				

OTHER PRIOR ART (*Including Author, Title, Date, Pertinent Pages, Etc.*)

FC		Lee, K-H. et al., "Increased Vaccine-Specific T Cell Frequency After Peptide-Based Vaccination Correlates with Increased Susceptibility to In Vitro Stimulation But Does Not Lead to Tumor Regression," <i>The Journal of Immunology</i> 163: 6292-6300, 1999.
FD		Müeller-Pillasch, F. et al., "Cloning of a gene highly overexpressed in cancer coding for a novel KH-domain containing protein," <i>Oncogene</i> 14: 2729-2733, 1997.
FE		New England Biolabs website, Description on the pCyB Expression Vectors: http://circuit.neb.com/neb/faqs/impact2.html , (2001)
FF		Nielsen, J. et al., "A Family of Insulin-Like Growth Factor II mRNA-Binding Proteins Represses Translation in Late Development," <i>Molecular and Cellular Biology</i> 19(2): 1262-1270, February 1999.
FG		Radoja and Frey, "Cancer-induced Defective Cytotoxic T Lymphocyte Effector Function: Another Mechanism How Antigenic Tumors Escape Immune-mediated Killing," <i>Molecular Medicine</i> 6(6): 465-479, June 2000.
FH		Rudinger, J., "Characteristics of the amino acids as components of a peptide hormone sequence," in <i>Peptide Hormones</i> , Parsons, J.A. (ed.), University Park Press, Baltimore MD, June 1976, pgs. 1-7
FI		Sjölander, A. et al., "Kinetics, localization and cytokine profile of T cell responses to immune stimulating complexes (iscoms) containing human influenza virus envelope glycoproteins," <i>Vaccine</i> 15(9): 1030-1038, 1997.
FJ		Skolnick and Fetrow, "From genes to protein structure and function: novel applications of computational approaches in the genomic era," <i>Trends in Biotechnology</i> 18: 34-39, January 2000.
FK		Spitler, L.E., "Cancer Vaccines: The Interferon Analogy," <i>Cancer Biotherapy</i> 10(1): 1-3, 1995.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

EXPRESS MAIL NO. EV3353045US

Sheet 7 of 7

FORM PTO-1449
(REV.7-80)

JUN 28 2004

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**
(Use several sheets if necessary)

ATTY. DOCKET NO.
210121.455C17APPLICATION NO.
10/007,700

APPLICANTS

Tongtong Wang et al.

FILING DATE

November 30, 2001

GROUP ART UNIT

1632

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	GA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	GB				

OTHER PRIOR ART (*Including Author, Title, Date, Pertinent Pages, Etc.*)

	GC		Stern, P.S., "Predicting antigenic sites on proteins," <i>Trends in Biotechnology</i> 9: 163-169, May 1991.
	GD		Timmerman and Levy, "Dendritic Cell Vaccines for Cancer Immunotherapy," <i>Annu. Rev. Med.</i> 50: 507-529, 1999.
	GE		Wong, C.P. et al., "TCR Vaccines Against T Cell Lymphoma: QS-21 and IL-12 Adjuvants Induce a Protective CD8 ⁺ T Cell Response," <i>The Journal of Immunology</i> 162: 2251-2258, 1999.
	GF		Zaks and Rosenberg, "Immunization with Peptide Epitope (p369-377) from HER-2/neu Leads to Peptide-specific Cytotoxic T Lymphocytes That Fail to Recognize HER-2/neu+ Tumors," <i>Cancer Research</i> 58: 4902-4908, November 1, 1998.
	GG		
	GH		
	GI		
	GJ		
	GK		
	GL		

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).